

t71_tex_3

(TMdR3KjcL5fcUR18g1K6HQyAQ6MK1j88PVq)

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v2_pre_topc : \iota \Rightarrow o$ be given. Let $v3_tdlat_3 : \iota \Rightarrow o$ be given. Let $l1_pre_topc : \iota \Rightarrow o$ be given. Let $m1_pre_topc : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v4_tex_3 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_pre_topc : \iota \Rightarrow o$ be given. Let $v1_borsuk_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v3_tex_3 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & \forall X0.((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge (l1_pre_topc \\ & X0))) \Rightarrow (\forall X1.((\neg v2_struct_0 X1) \wedge (m1_pre_topc X1 X0)) \Rightarrow (\\ & (v4_tex_3 X1 X0) \Leftrightarrow (\exists X2.((\neg v2_struct_0 X2) \wedge ((v1_pre_topc \\ & X2) \wedge ((v1_borsuk_1 X2 X0) \wedge (m1_pre_topc X2 X0)))))) \wedge ((v3_tex_3 X2 \\ & X0) \wedge (m1_pre_topc X1 X2)))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} & \forall X0.((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge ((\neg v3_tdlat_3 \\ & X0) \wedge (l1_pre_topc X0)))) \Rightarrow (\forall X1.((\neg v2_struct_0 X1) \wedge (m1_pre_topc \\ & X1 X0)) \Rightarrow ((v4_tex_3 X1 X0) \Leftrightarrow (\exists X2.((\neg v2_struct_0 X2) \wedge ((v1_pre_topc \\ & X2) \wedge ((v1_borsuk_1 X2 X0) \wedge ((v3_tex_3 X2 X0) \wedge (m1_pre_topc X2 X0)))))) \wedge \\ & (m1_pre_topc X1 X2)))) \end{aligned}$$